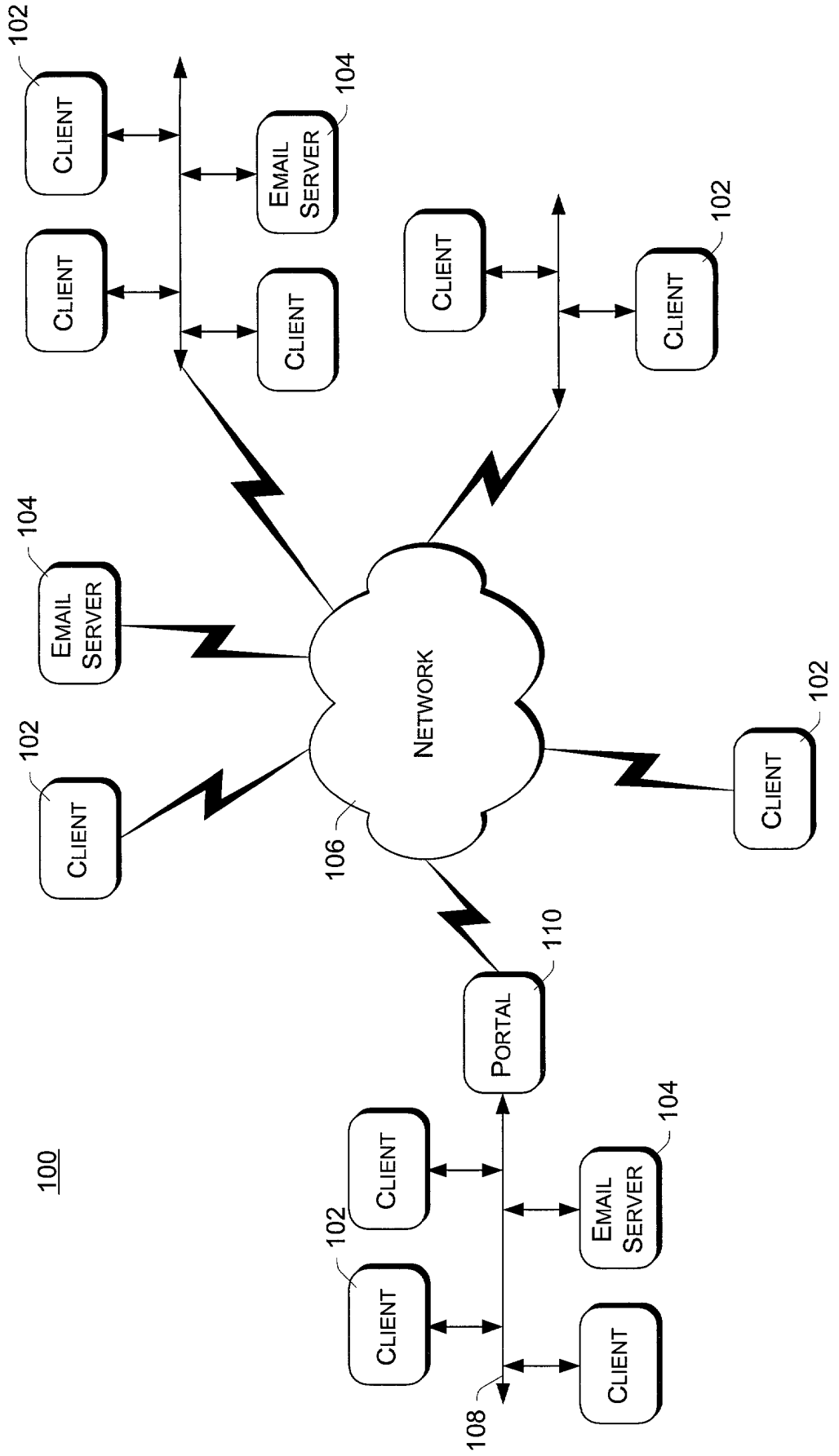

Fig. 1

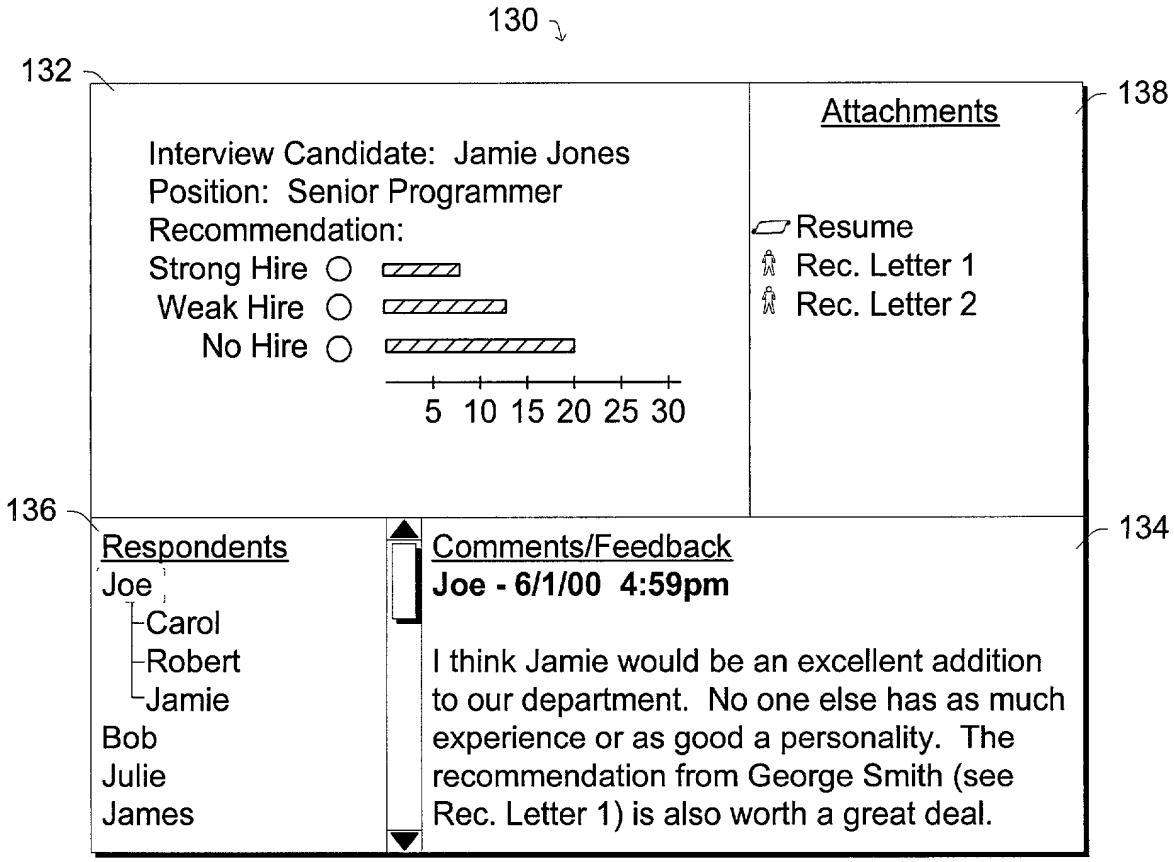
130
132
138
Attachments
Interview Candidate: Jamie Jones
Position: Senior Programmer
Recommendation:
Strong Hire
Weak Hire
No Hire
5 10 15 20 25 30
Resume
Rec. Letter 1
Rec. Letter 2
136
134
Respondents
Joe
Carol
Robert
Jamie
Bob
Julie
James
Comments/Feedback
Joe - 6/1/00 4:59pm
I think Jamie would be an excellent addition to our department. No one else has as much experience or as good a personality. The recommendation from George Smith (see Rec. Letter 1) is also worth a great deal.

Fig. 2

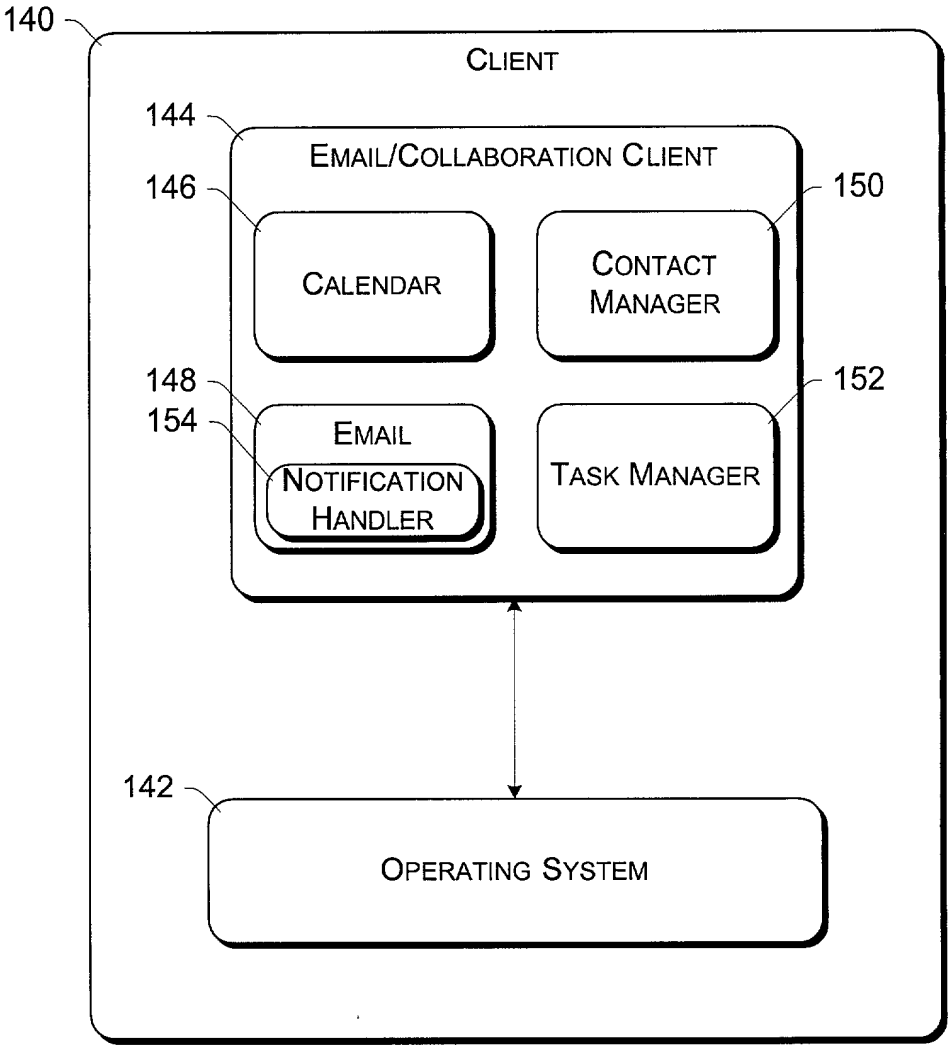
140
CLIENT
144
EMAIL/COLLABORATION CLIENT
146
150
CALENDAR
CONTACT MANAGER
148
152
154
EMAIL
NOTIFICATION HANDLER
TASK MANAGER
142
OPERATING SYSTEM

Fig. 3

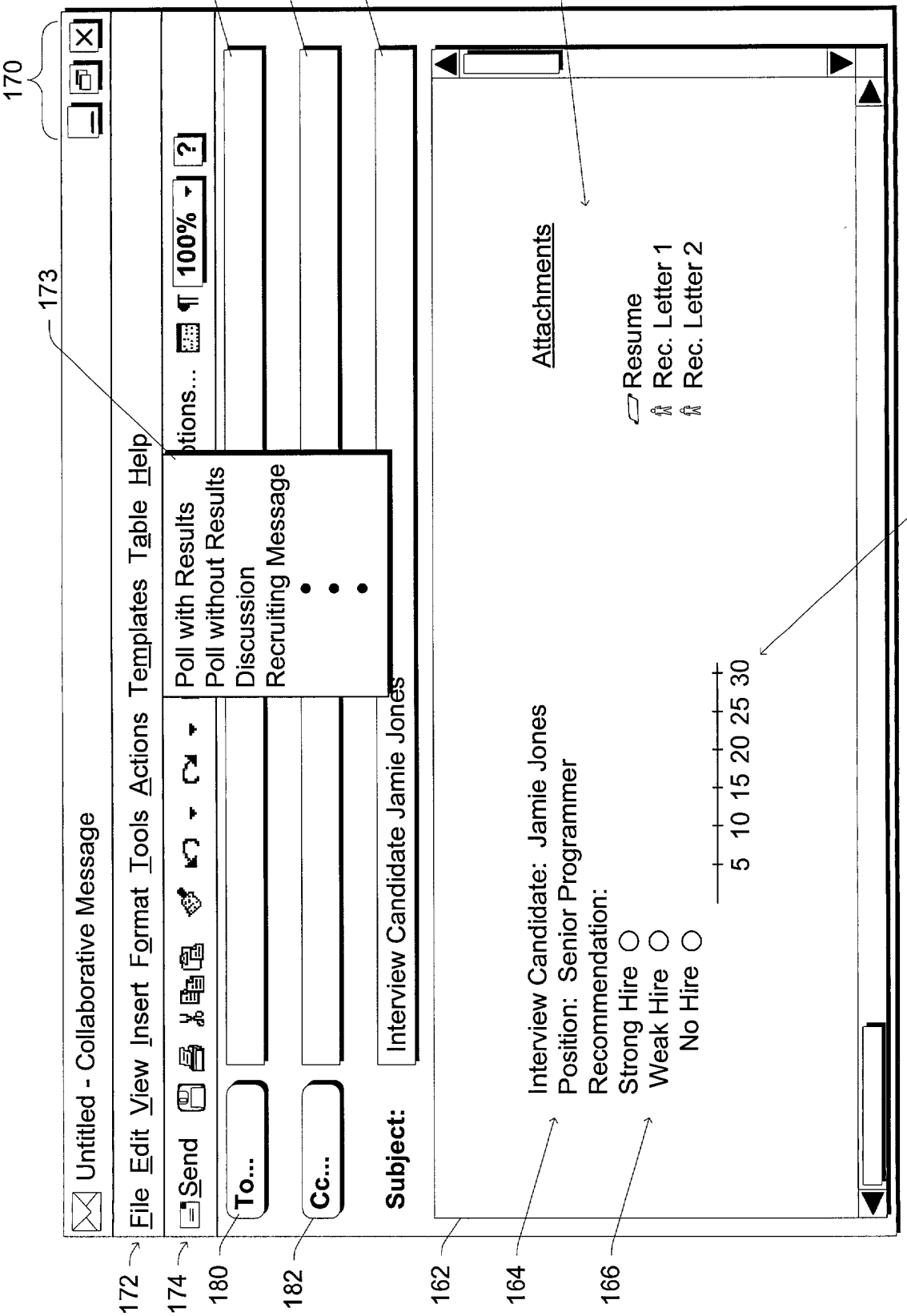
Untitled - Collaborative Message
File Edit View Insert Format Tools Actions Templates Table Help
Send
To...
Cc...
Subject:
Interview Candidate Jamie Jones
Poll with Results
Poll without Results
Discussion
Recruiting Message
100%
Attachments
Resume
Rec. Letter 1
Rec. Letter 2
Interview Candidate: Jamie Jones
Position: Senior Programmer
Recommendation:
Strong Hire
Weak Hire
No Hire
5 10 15 20 25 30
170
172
173
174
176
178
180
182
184
162
164
166
168
168

Fig. 4

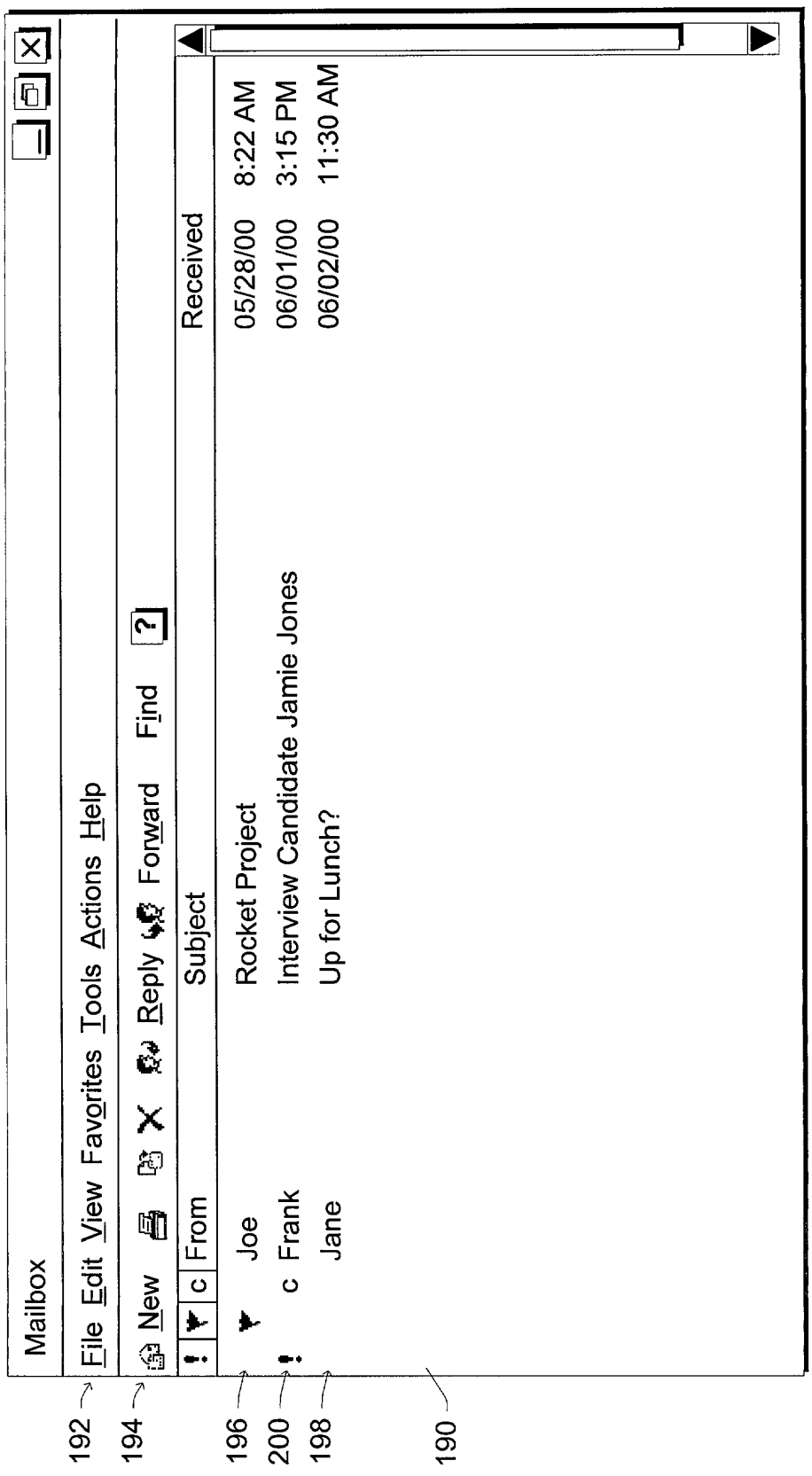
Mailbox
File Edit View Favorites Tools Actions Help
New
Reply
Forward
Find
!
c
From
Subject
Received
Joe
Rocket Project
05/28/00 8:22 AM
c Frank
Interview Candidate Jamie Jones
06/01/00 3:15 PM
Jane
Up for Lunch?
06/02/00 11:30 AM
192
194
196
200
198
190

Fig. 5

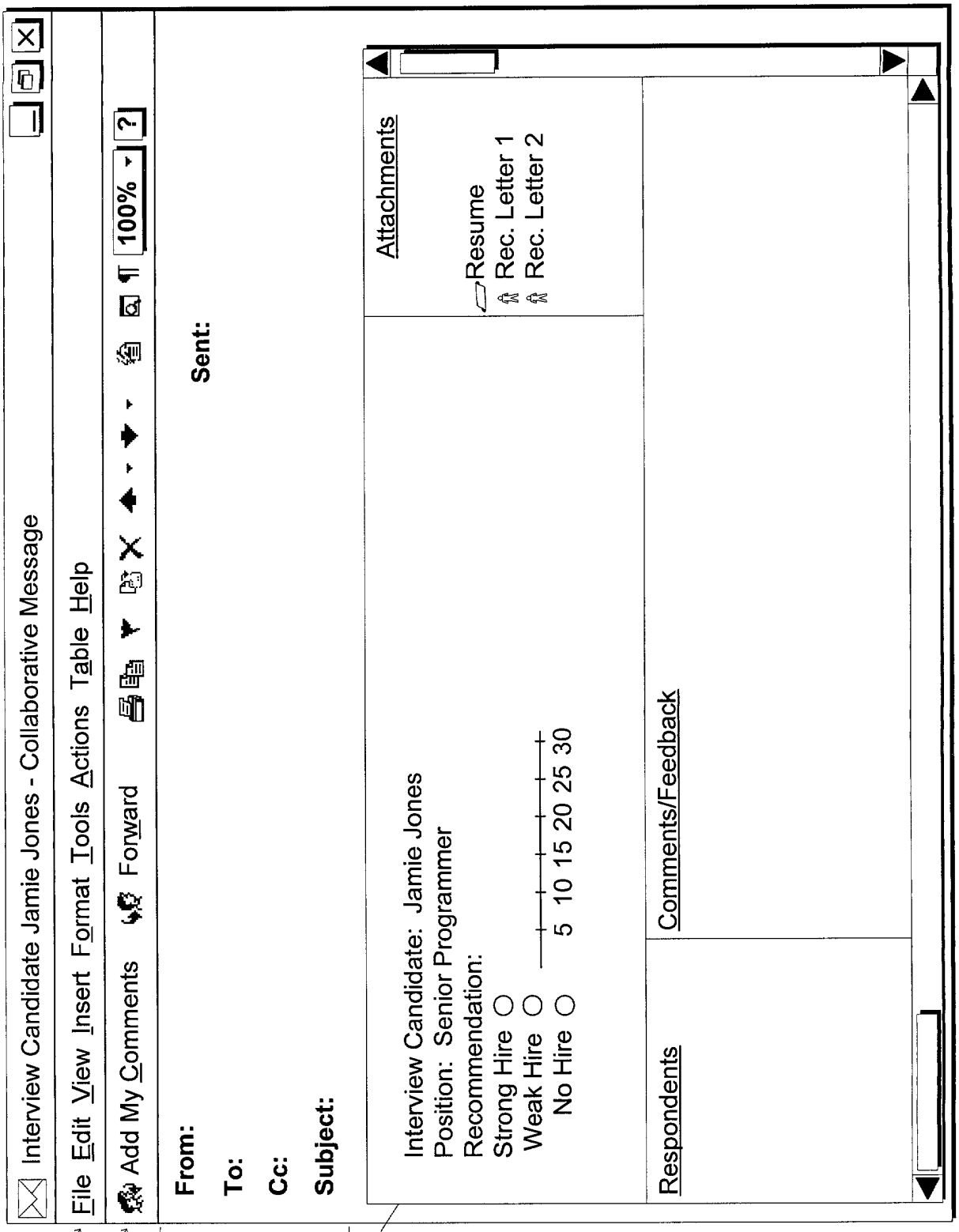
Interview Candidate Jamie Jones - Collaborative Message
File Edit View Insert Format Tools Actions Table Help
Add My Comments
Forward
100%
From:
To:
Cc:
Subject:
Sent:
Interview Candidate: Jamie Jones
Position: Senior Programmer
Recommendation:
Strong Hire
Weak Hire
No Hire
5 10 15 20 25 30
Attachments
Resume
Rec. Letter 1
Rec. Letter 2
Respondents
Comments/Feedback
204
208
206
202

Fig. 6

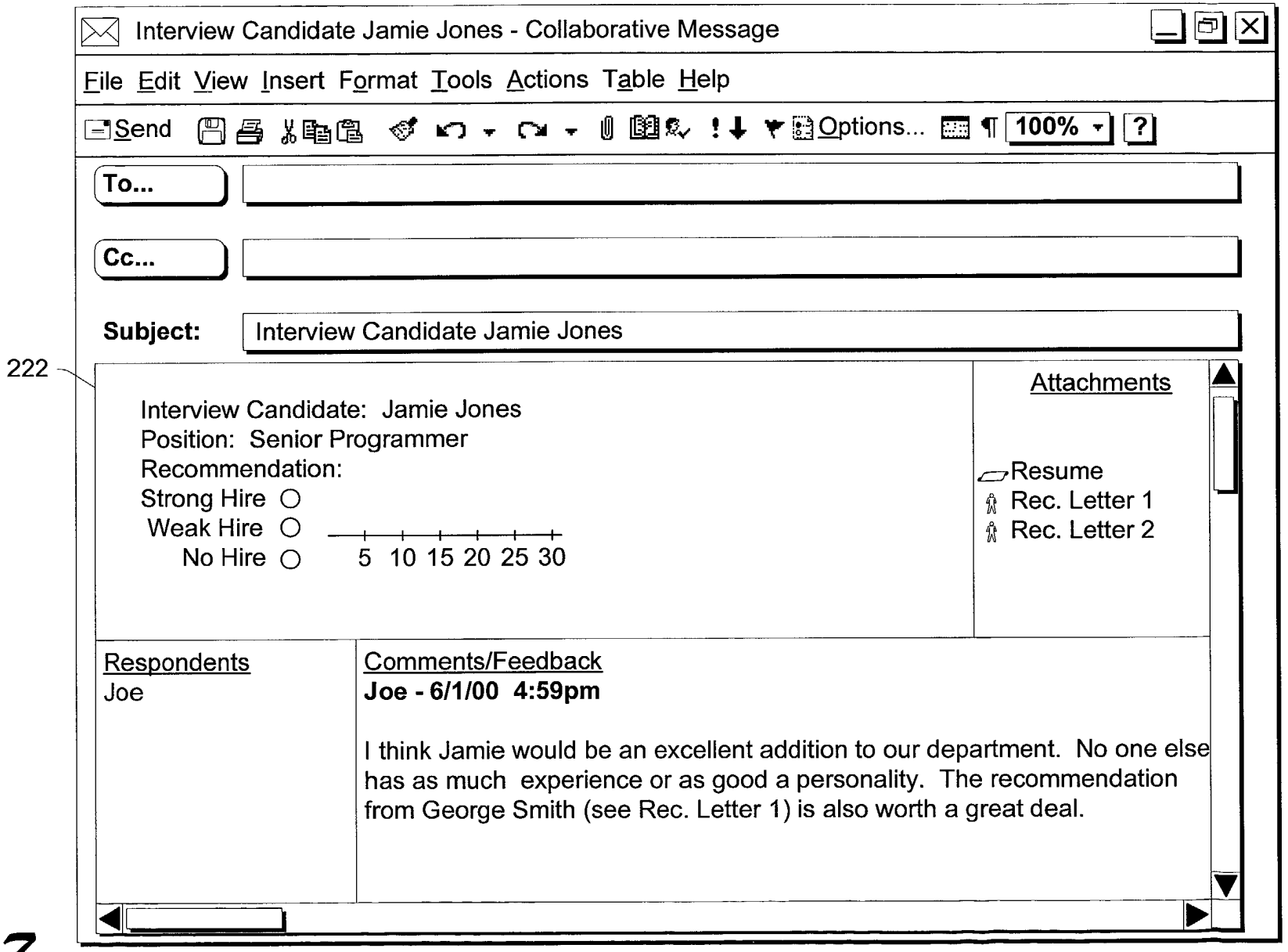
Interview Candidate Jamie Jones - Collaborative Message
File Edit View Insert Format Tools Actions Table Help
Send
Options...
100%
To...
Cc...
Subject:
Interview Candidate Jamie Jones
222
Interview Candidate: Jamie Jones
Position: Senior Programmer
Recommendation:
Strong Hire
Weak Hire
No Hire
5 10 15 20 25 30
Attachments
Resume
Rec. Letter 1
Rec. Letter 2
Respondents
Joe
Comments/Feedback
Joe - 6/1/00 4:59pm
I think Jamie would be an excellent addition to our department. No one else has as much experience or as good a personality. The recommendation from George Smith (see Rec. Letter 1) is also worth a great deal.

Fig. 7

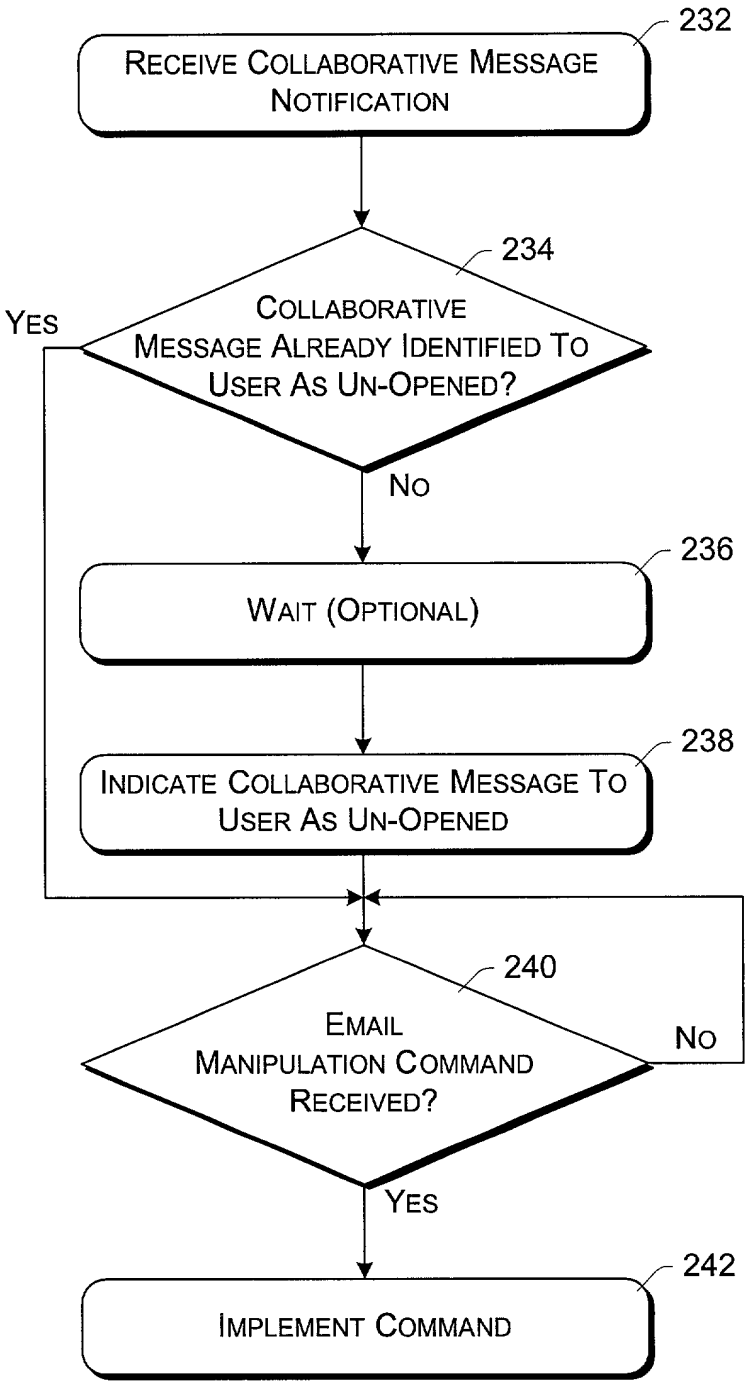
232
RECEIVE COLLABORATIVE MESSAGE NOTIFICATION
234
COLLABORATIVE MESSAGE ALREADY IDENTIFIED TO USER AS UN-OPENED?
YES
NO
236
WAIT (OPTIONAL)
238
INDICATE COLLABORATIVE MESSAGE TO USER AS UN-OPENED
240
EMAIL MANIPULATION COMMAND RECEIVED?
NO
YES
242
IMPLEMENT COMMAND

Fig. 8

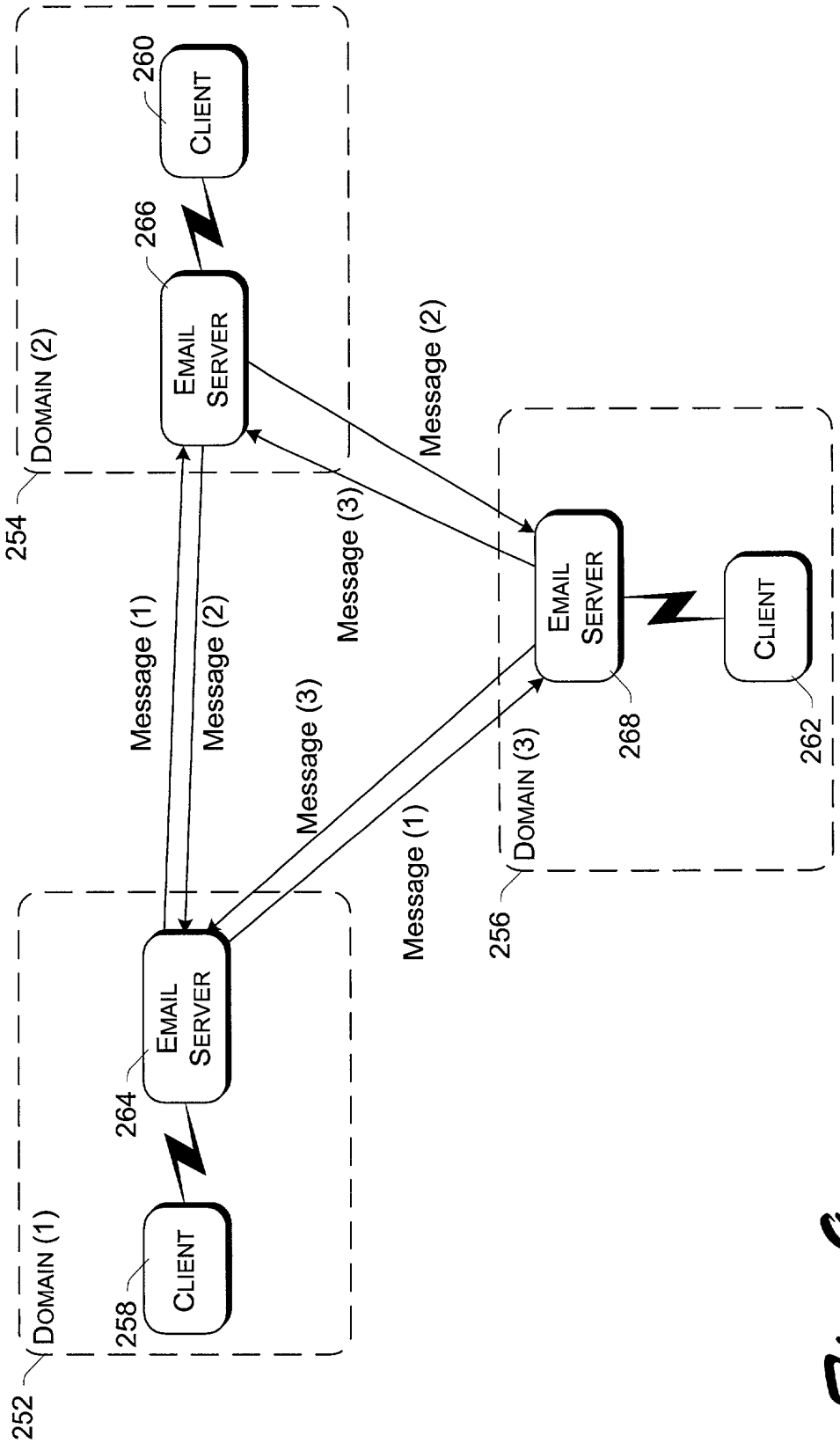
250
252
DOMAIN (1)
258
CLIENT
264
EMAIL SERVER
254
DOMAIN (2)
260
CLIENT
266
EMAIL SERVER
256
DOMAIN (3)
268
EMAIL SERVER
262
CLIENT
Message (1)
Message (2)
Message (3)
Message (1)
Message (2)
Message (3)

Fig. 9

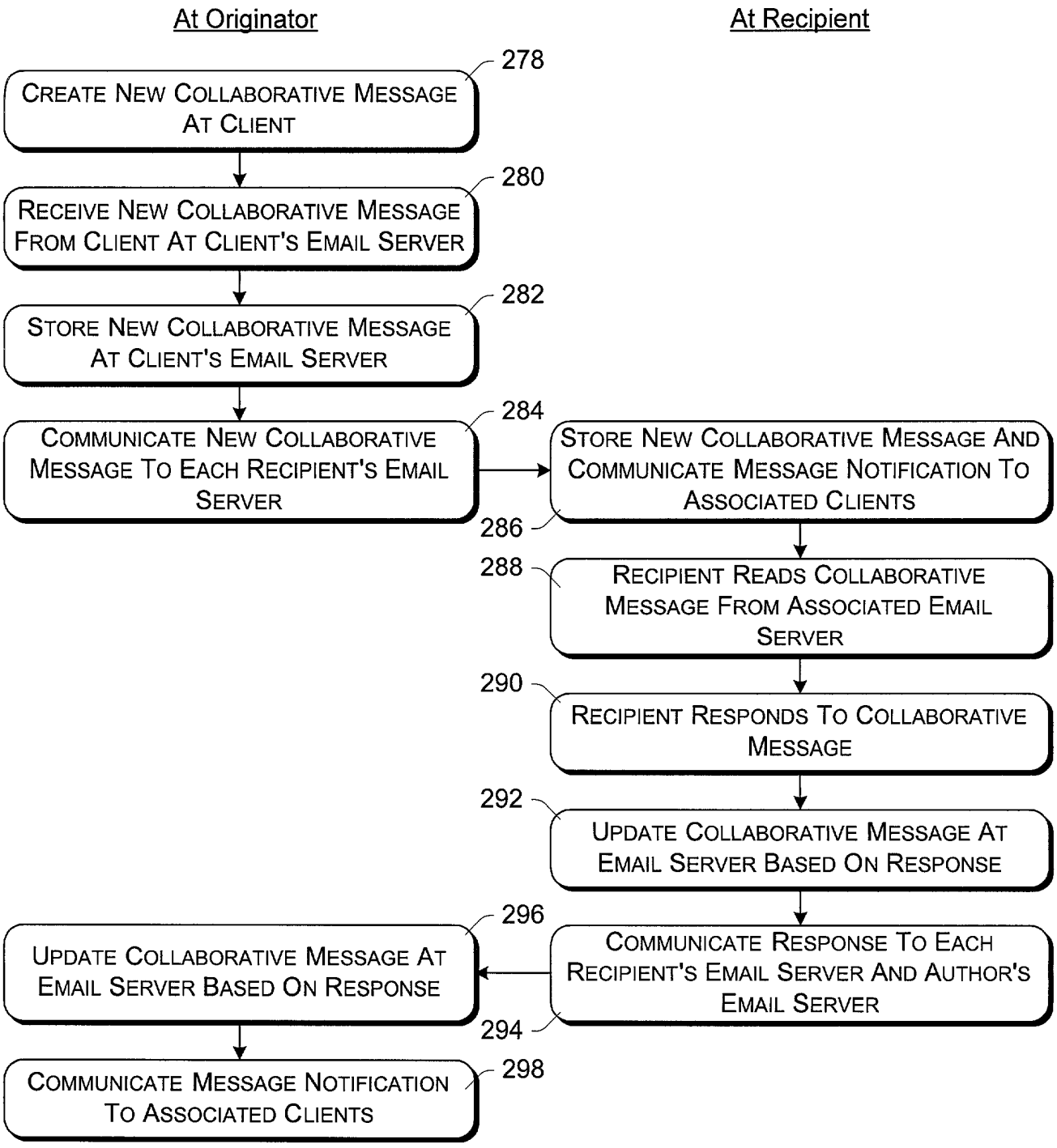
At Originator
At Recipient
278
Create New Collaborative Message At Client
280
Receive New Collaborative Message From Client At Client's Email Server
282
Store New Collaborative Message At Client's Email Server
284
Communicate New Collaborative Message To Each Recipient's Email Server
Store New Collaborative Message And Communicate Message Notification To Associated Clients
286
288
Recipient Reads Collaborative Message From Associated Email Server
290
Recipient Responds To Collaborative Message
292
Update Collaborative Message At Email Server Based On Response
296
Update Collaborative Message At Email Server Based On Response
Communicate Response To Each Recipient's Email Server And Author's Email Server
294
298
Communicate Message Notification To Associated Clients

Fig. 10

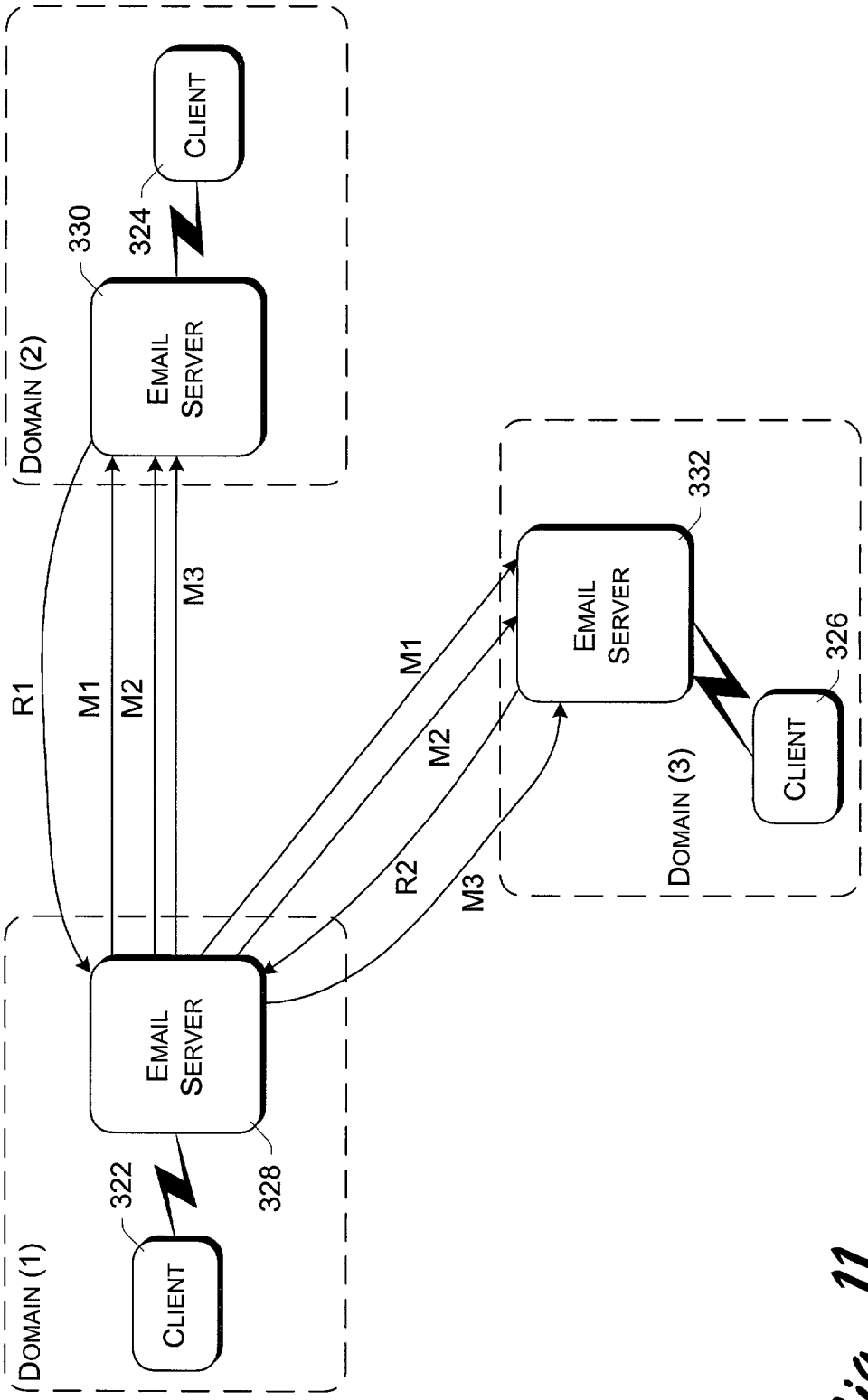
320
DOMAIN (1)
CLIENT
322
EMAIL SERVER
328
DOMAIN (2)
CLIENT
324
330
EMAIL SERVER
DOMAIN (3)
CLIENT
326
332
EMAIL SERVER
R1
M1
M2
M3
M1
M2
R2
M3

Fig. 11

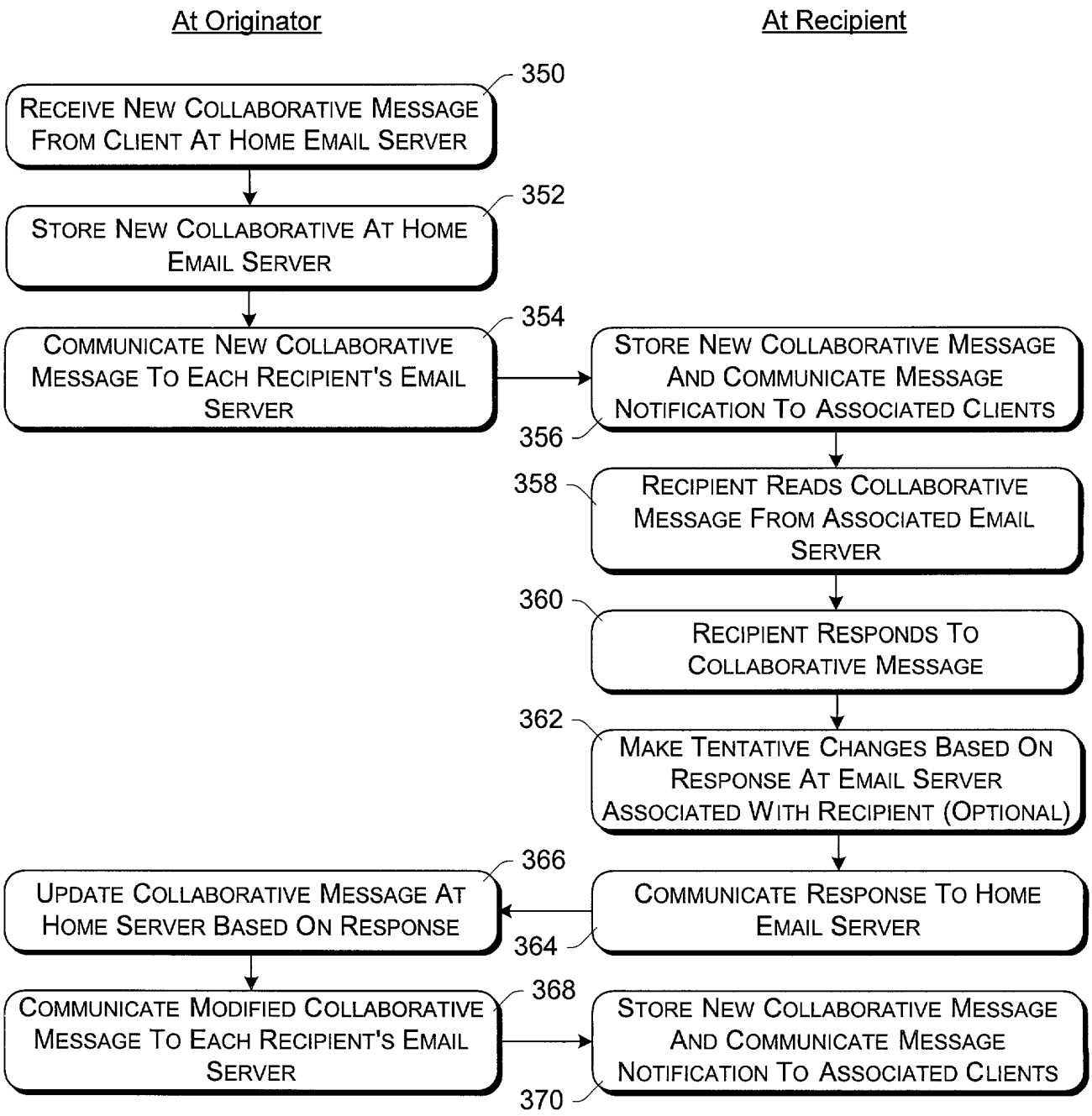
At Originator
At Recipient
350
Receive New Collaborative Message From Client At Home Email Server
352
Store New Collaborative At Home Email Server
354
Communicate New Collaborative Message To Each Recipient's Email Server
Store New Collaborative Message And Communicate Message Notification To Associated Clients
356
358
Recipient Reads Collaborative Message From Associated Email Server
360
Recipient Responds To Collaborative Message
362
Make Tentative Changes Based On Response At Email Server Associated With Recipient (Optional)
366
Update Collaborative Message At Home Server Based On Response
Communicate Response To Home Email Server
364
368
Communicate Modified Collaborative Message To Each Recipient's Email Server
Store New Collaborative Message And Communicate Message Notification To Associated Clients
370

Fig. 12

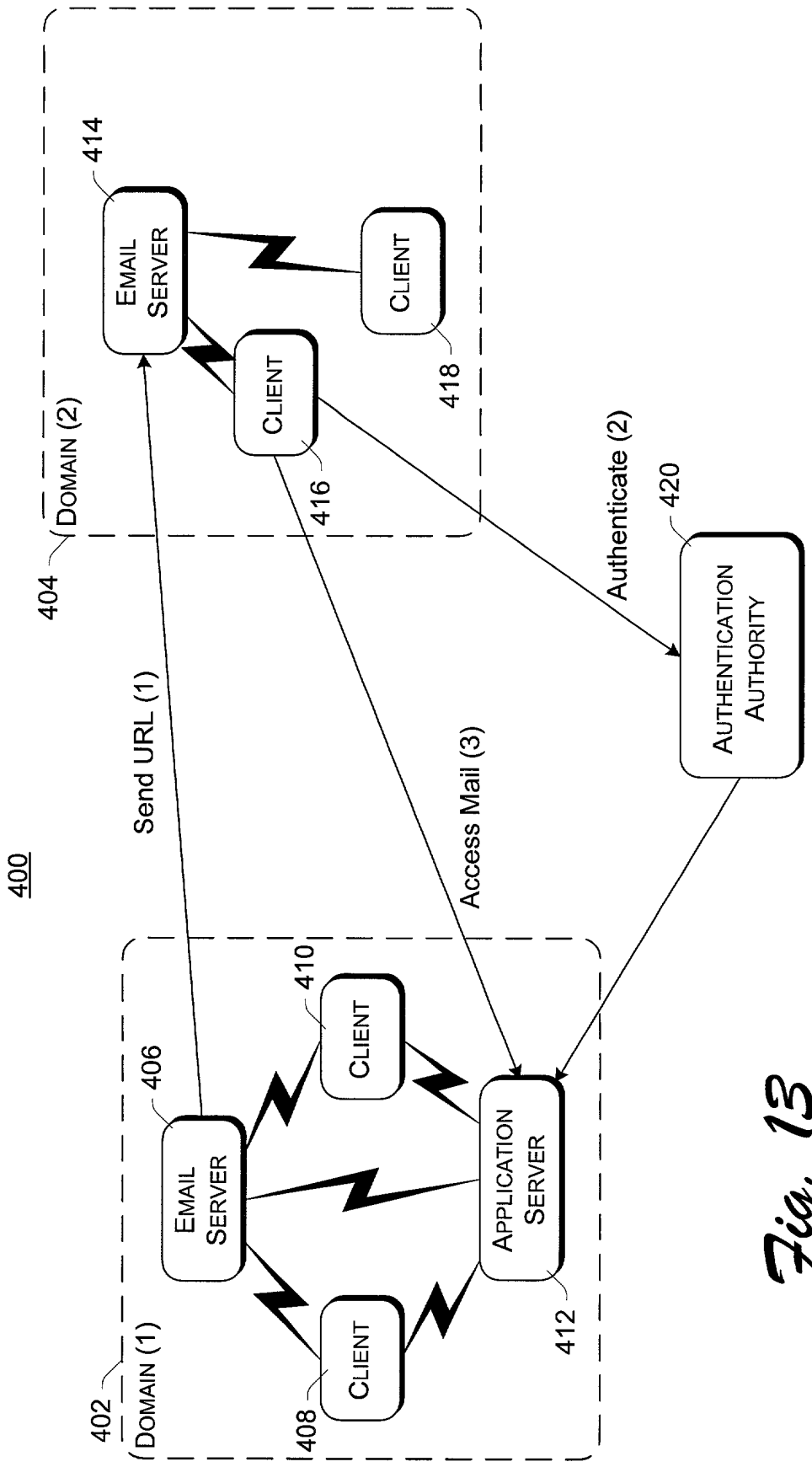
400
Send URL (1)
Access Mail (3)
Authenticate (2)
DOMAIN (1)
402
EMAIL SERVER
406
CLIENT
408
CLIENT
410
APPLICATION SERVER
412
DOMAIN (2)
404
EMAIL SERVER
414
CLIENT
416
CLIENT
418
AUTHENTICATION AUTHORITY
420

Fig. 13

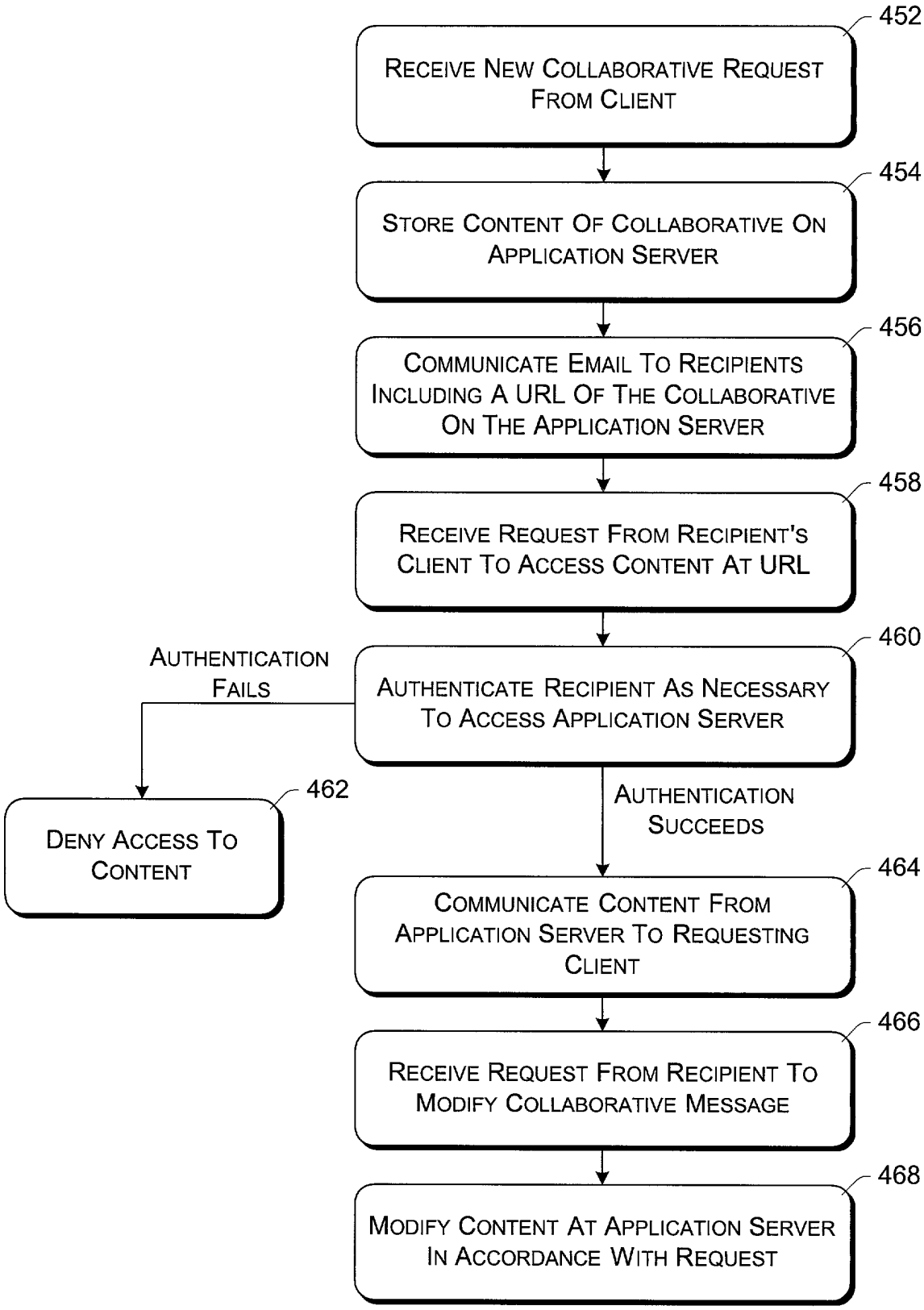
452
Receive New Collaborative Request From Client
454
Store Content Of Collaborative On Application Server
456
Communicate Email To Recipients Including A URL Of The Collaborative On The Application Server
458
Receive Request From Recipient's Client To Access Content At URL
460
Authentication Fails
Authenticate Recipient As Necessary To Access Application Server
462
Deny Access To Content
Authentication Succeeds
464
Communicate Content From Application Server To Requesting Client
466
Receive Request From Recipient To Modify Collaborative Message
468
Modify Content At Application Server In Accordance With Request

Fig. 14

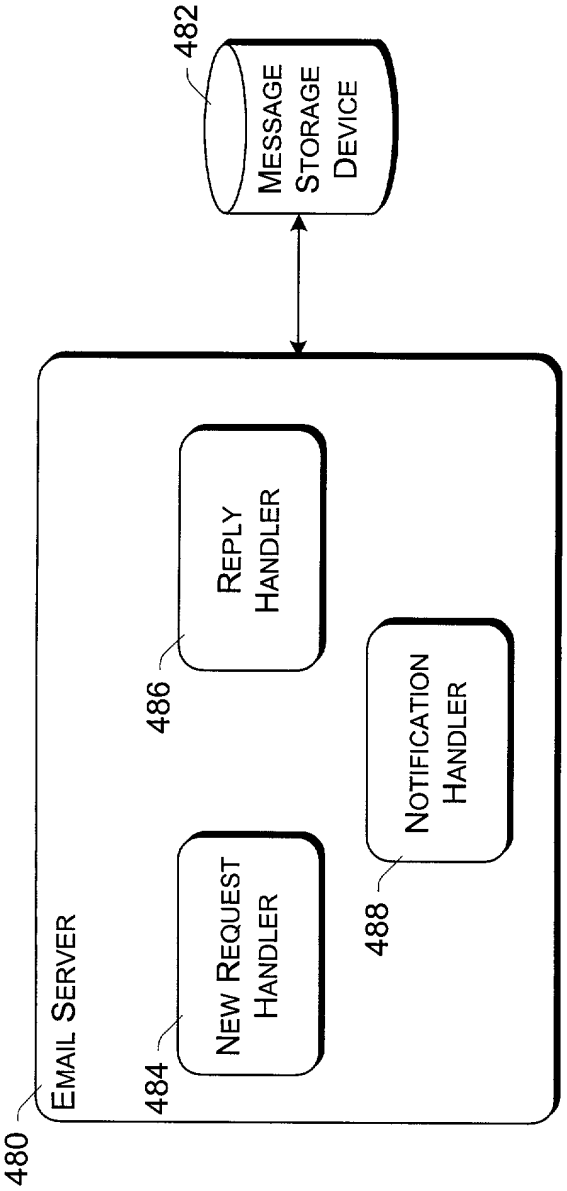
482
MESSAGE STORAGE DEVICE
EMAIL SERVER
480
REPLY HANDLER
486
NEW REQUEST HANDLER
484
NOTIFICATION HANDLER
488

Fig. 15

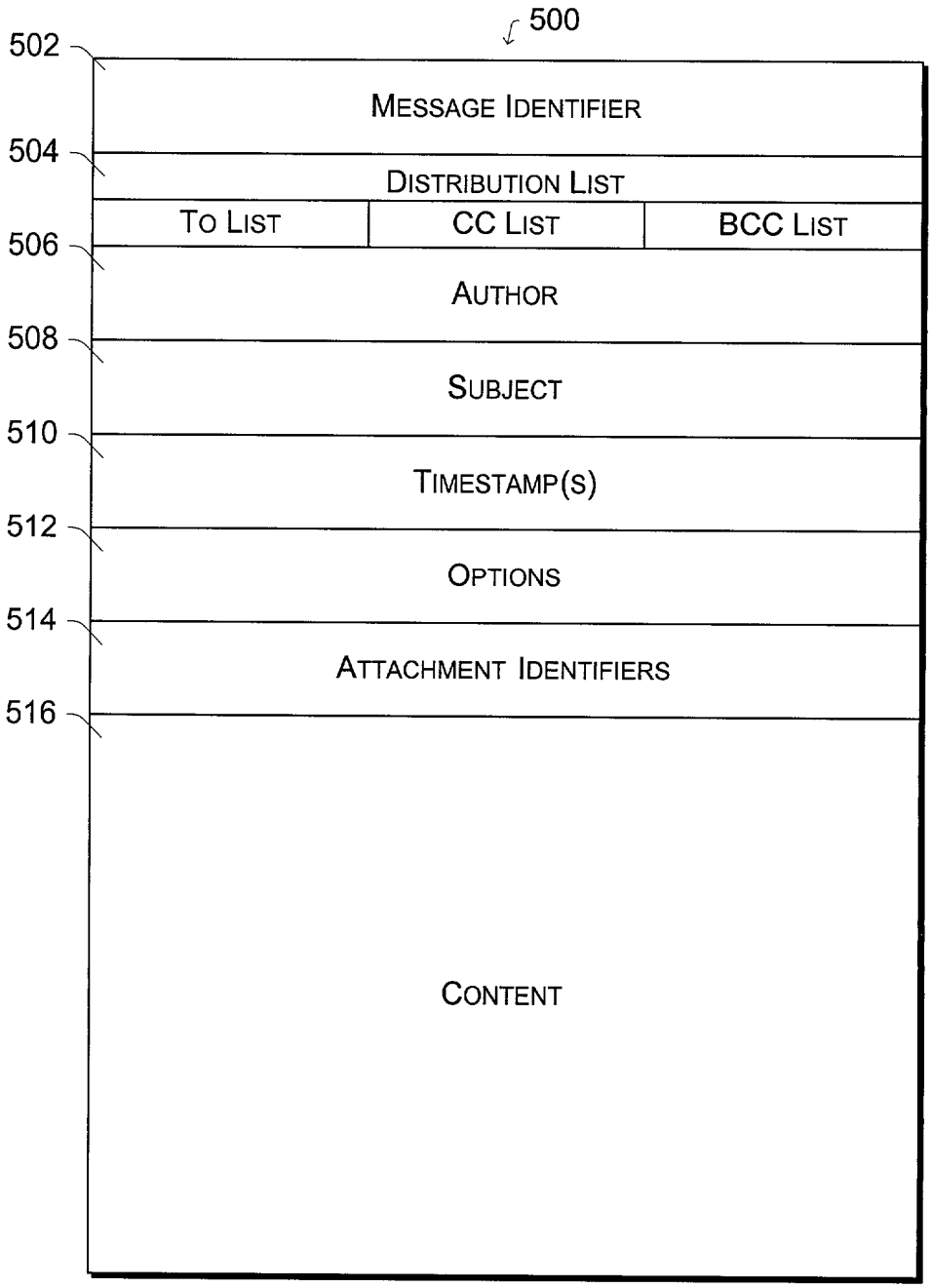
500
502
MESSAGE IDENTIFIER
504
DISTRIBUTION LIST
TO LIST
CC LIST
BCC LIST
506
AUTHOR
508
SUBJECT
510
TIMESTAMP(S)
512
OPTIONS
514
ATTACHMENT IDENTIFIERS
516
CONTENT

Fig. 16

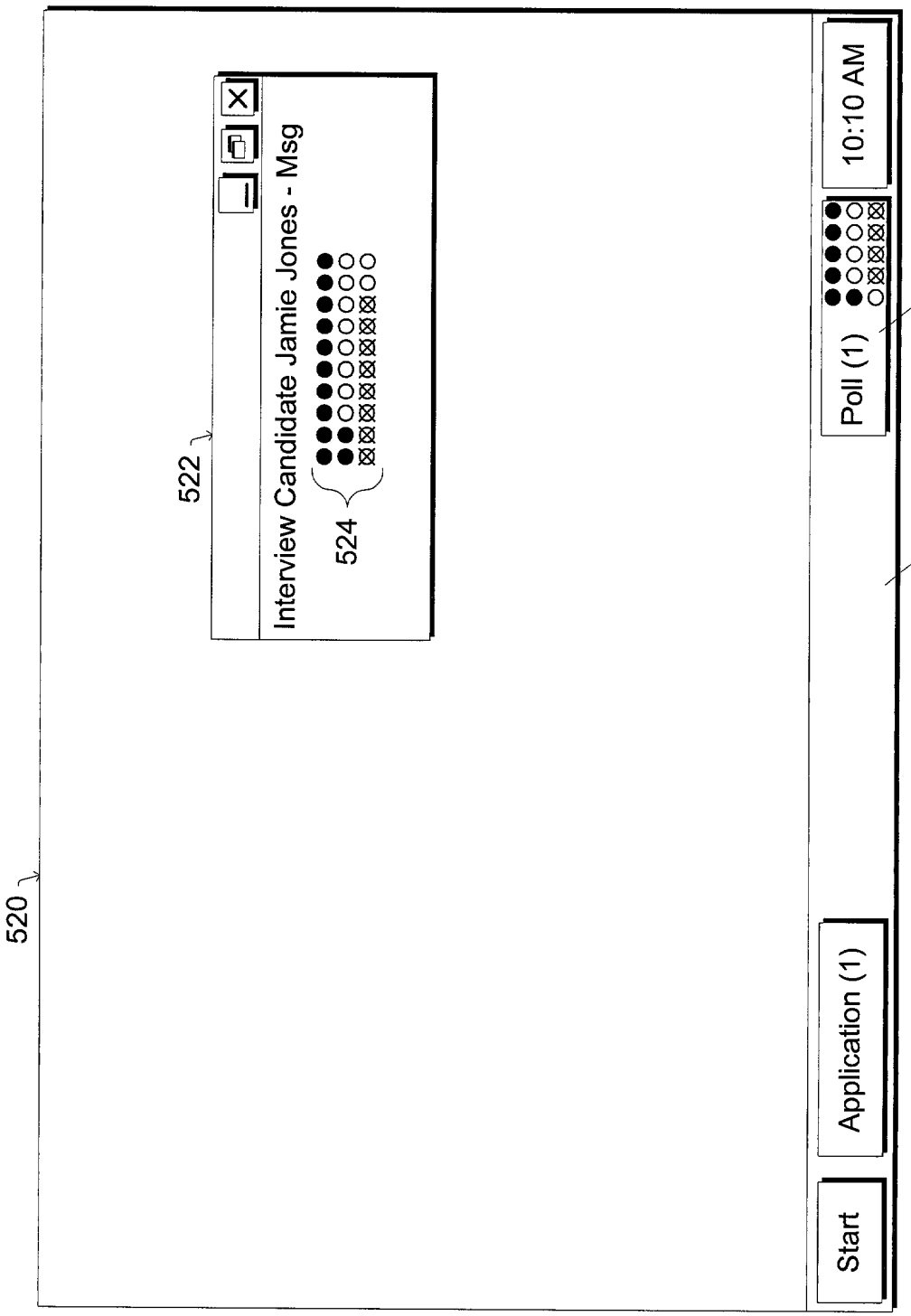
520
522
Interview Candidate Jamie Jones - Msg
524
Start
Application (1)
Poll (1)
526
10:10 AM
528

Fig. 17

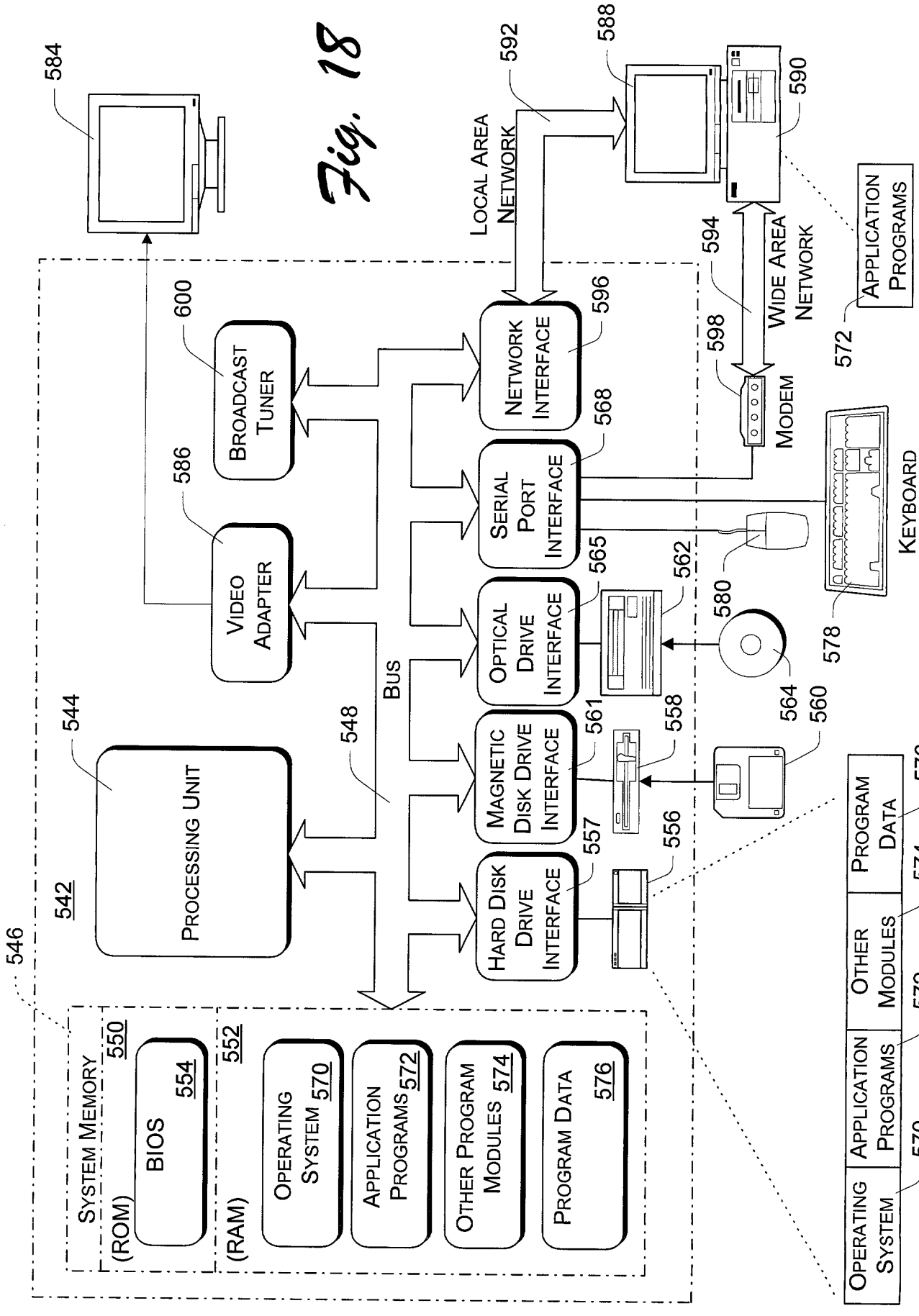
546
542
PROCESSING UNIT
544
548
BUS
SYSTEM MEMORY
550
(ROM)
BIOS
554
552
(RAM)
OPERATING SYSTEM 570
APPLICATION PROGRAMS 572
OTHER PROGRAM MODULES 574
PROGRAM DATA 576
VIDEO ADAPTER
586
BROADCAST TUNER
600
HARD DISK DRIVE INTERFACE
557
MAGNETIC DISK DRIVE INTERFACE
561
OPTICAL DRIVE INTERFACE
565
SERIAL PORT INTERFACE
568
NETWORK INTERFACE
596
LOCAL AREA NETWORK
592
584
588
590
WIDE AREA NETWORK
594
MODEM
598
APPLICATION PROGRAMS
572
KEYBOARD
578
580
562
564
560
558
556
OPERATING SYSTEM
570
APPLICATION PROGRAMS
572
OTHER MODULES
574
PROGRAM DATA
576

Fig. 18